



## 50bp DNA Ladder (Ready-to-Use)

### For research use only

**Cat No:** YT8501

**Size:** 50 µg / 500 µl

#### Description

YTA 50bp DNA ladder is a perfect mixture for defining the size of doublestranded DNA from 50 to 1000 bp. YTA 50bp DNA ladder contains of 13 bands double-stranded fragments. 250bp and 500bp fragments are present at increased intensity to allow easy identification. All fragments are exactly measured and mixed during the production. For 5 ul loading, all fragments excluding 250bp and 500bp are 40ng. The 250bp and 500bp fragments are 100ng. This 50bp DNA ladder is pre-mixed with loading dye and is ready to use.

Recommended Loading 2-5 µl/ band

#### Concentration

Typical Bands 100ng/5µl

Other Bands 40ng/5µl

#### Recommended Electrophoresis Condition

5 µl/lane, 8cm 3% Agarose Gel, 0.5×TBE, 5V/cm, 1h.

#### Contents (bp)

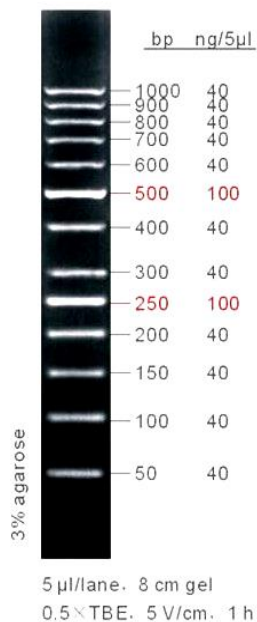
50, 100, 150, 200, 250, 300, 400, 500, 600, 700, 800, 900, 1,000.

#### Storage:

Store at 25 °C for 6 months

Store at 4° C for 12 months

Store at -20 °C for 24



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